

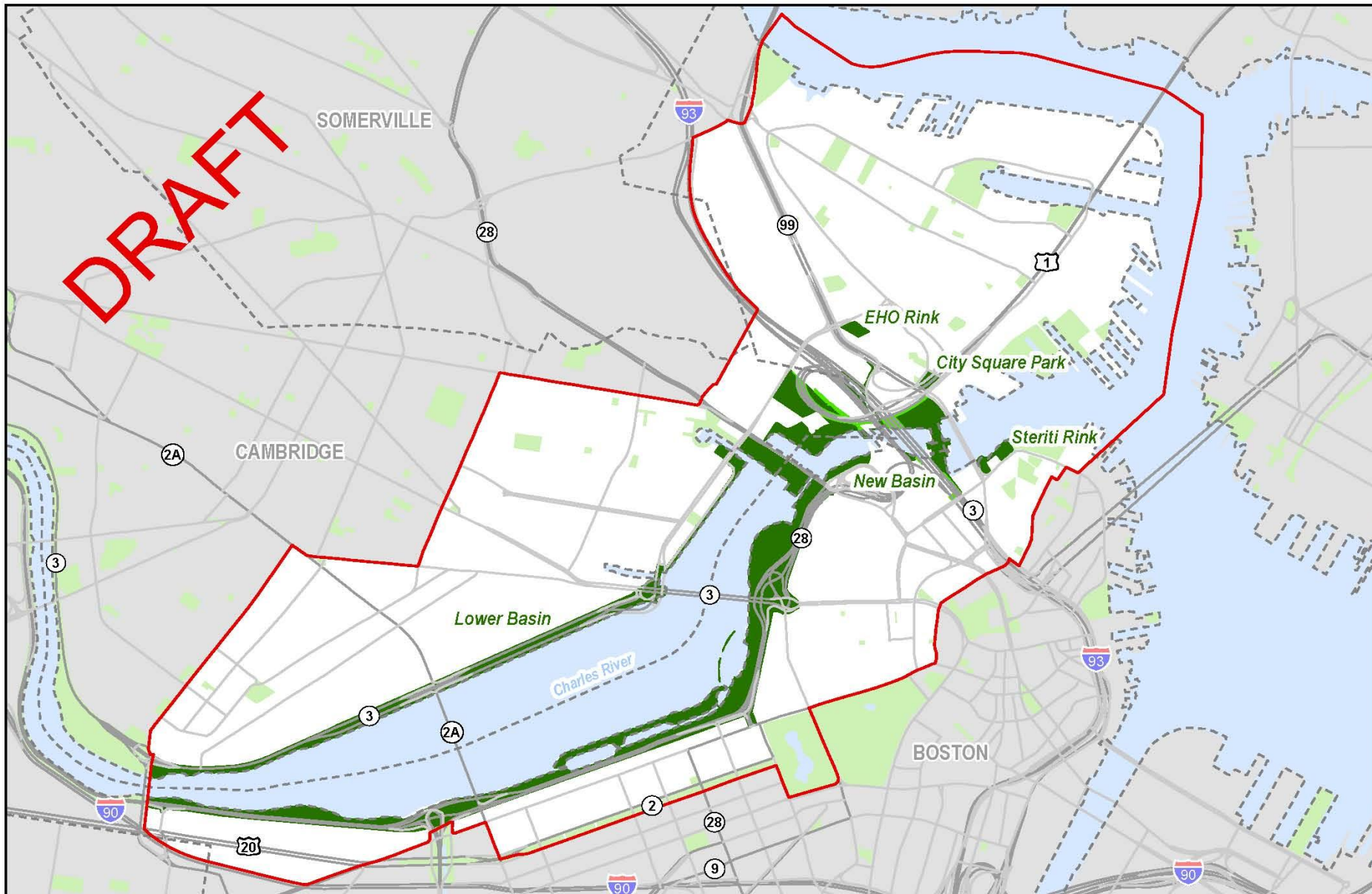
Charles River Esplanade - New Basin Resource Management Plan



DCR Stewardship Council

December 5, 2014
Community Rowing, Boston

DRAFT



- Esplanade-NCRBP Complex
- DCR Fee Interest
- DCR Other Legal Interest
- Other Protected Open Space
- Open Water
- Major Road
- Minor Road
- Town Boundary

Properties Included in the Esplanade-NCRBP Complex RMP

0 0.25 0.5
Mile

Geographic data provided by MassGIS and DCR GIS.



Vibrant Mixture of Recreational Resources



Boston Esplanade

- Quiet walking, picnicking and relaxing along the river banks
- 17.5 - mile bike path for biking, skating, running and walking
- Sailing, rowing, yachting, canoeing, kayaking, boat tours and fishing on the river
- Over 100 special events per year
- Playgrounds, wading pools, ball fields, tennis courts and indoor ice skating rinks

RMP Schedule

- October 10, 2013 Initial Public Meeting
- September 18, 2014 Public Meeting to Present Draft RMP
- October 31, 2014 Public Comment Deadline
- November 2014 Revise RMP in Response to Public Comments



Arthur Fiedler Statue, Maciek Swiderski

Major Issues Raised in Public Comments

- Reduce phosphorus discharges into the river
- Repair the Community Boating boathouse
- Separate bicycle and pedestrian paths
- Build Memorial Drive Phase II Improvements
- Support the MEEI project at Charles Circle
- Study the feasibility of swimming in the river
- Create an entry plaza adjacent to the Old Lock
- Restore Commissioners Landing



Sailboat, Nick Terrett

Six Major Recommendations



Charles River Swim, John Tlumacki

- Charles River Flood Protection
- Memorial Drive Phase II Improvements
- Historic Stable and Boat House
- Old Lock Area
- Mass Eye and Ear Infirmary Proposal
- Commissioners Landing

Charles River Flood Protection



New Charles River Dam

- New Charles River Dam maintains river water level 4-5 feet below mean high tide
- Storm tides can exceed levels in the river by 7-8 feet
- FEMA estimates 100 year flood elevations may overtop the dam flooding pumps inside the dam
- Recommend: Design and construct inundation protections for the New Dam pump station

Memorial Drive Phase II Improvements

Phase I – Completed in 2004, removed one parking lane and one travel lane to provide additional riverfront parkland

Phase II -

- Ten-foot bike path adjacent to roadway
- Separate 6-foot stabilized aggregate pedestrian path along the river
- Improved stormwater treatment system
- Historic landscaping and lighting

Recommend: Construct designed and permitted Memorial Drive Phase II project.



Memorial Drive Phase I



Memorial Drive Phase II

Historic Stable and Boat House



Historic Stables

- Historic Stable and Boat House are vacant and deteriorated
- Historic Stable ongoing structural and exterior repairs
- Architect has been hired to design repairs to the Boat House
- Recommend: Seek a public boating program to renovate the buildings under DCR's Historic Curatorship Program

Old Lock Area



Old Lock Area

- Esplanade entry from Science Park Station and West End neighborhood
- Dominated by non-park uses and highway ramps
- MassDOT is designing a new pedestrian overpass
- State Police are preparing renovation plans for the Lower Basin Barracks
- Museum of Science is designing a new Charles River entry exhibit
- Recommend: Work with DCAM and State Police to create a new entry plaza adjacent to the Old Lock to greet and orient visitors to the Esplanade.



Proposed MOS Charles River Exhibit Gallery

Mass Eye and Ear Infirmary Proposal

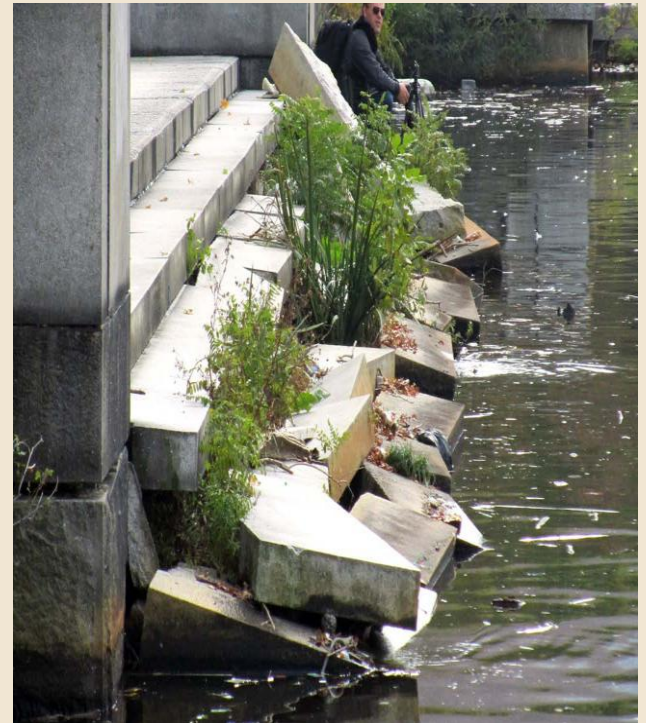


"Moving both sides of Storror Drive under a single bridge arch increases the width of the Esplanade by 75 feet at a critical choke point." *Esplanade 2020*

- Mass Eye and Ear Infirmary authorized to build a 1,065 space subsurface parking garage with a park on surface (Ch 272, Acts of 2014)
- MassDOT authorized to consolidate both sides of Storror Drive under a single bridge arch
- Recommend: Work with MEEI and MassDOT to integrate new parkland into Esplanade

Commissioners Landing

- Commissioners Landing is badly deteriorated
- Renovations are designed and permitted
- Recommend: Fund renovation of Commissioners Landing and the Grand Promenade

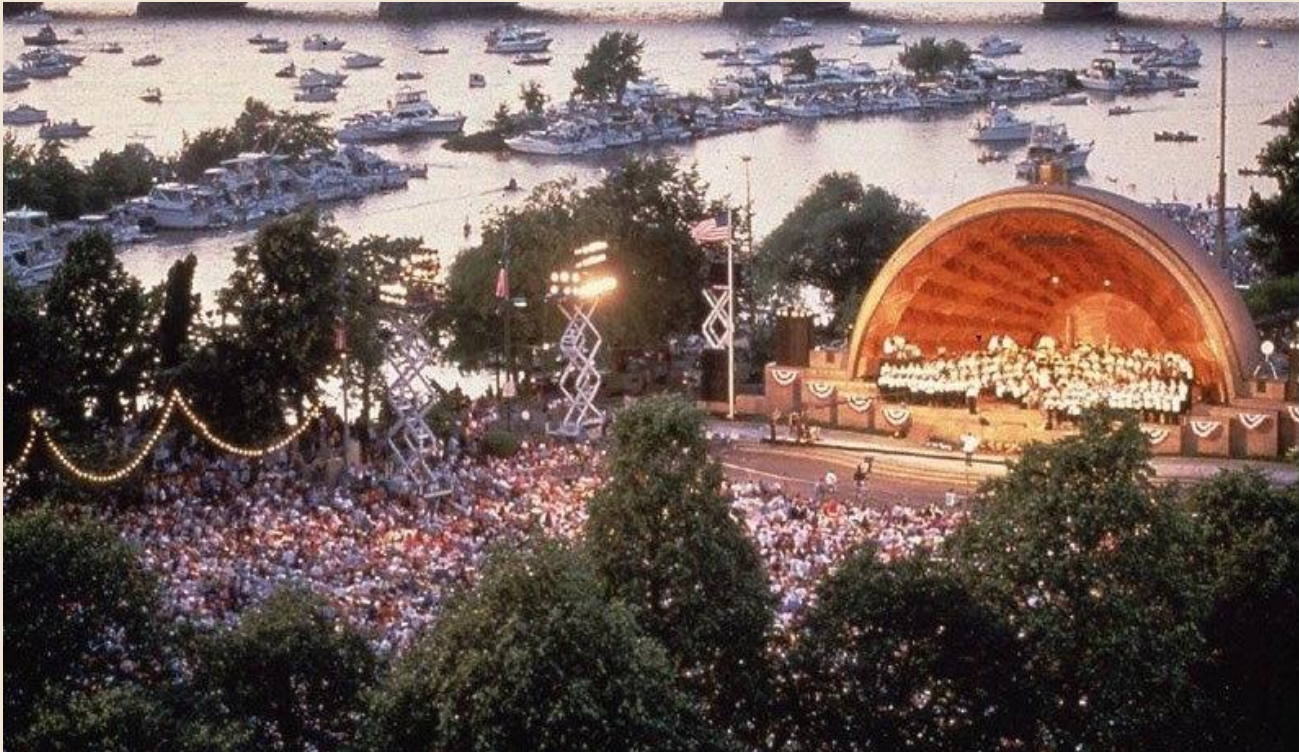


Commissioners Landing

Number of Management Recommendations By Priority and Funding Availability

Priority	Funding Currently Available	Funding May Be Available in Near Future	Funding Unavailable in Near Future	Total
High	13	12	0	25
Medium	7	17	0	24
Low	0	2	1	3
Total	20	31	1	52

Questions and Comments



Hatch Shell Independence Day Celebration